

XP-002229603

AN - 1982-56774E [27]

CPY - BURM-I

DC - J08 Q78 X25

FS - CPI;GMPI;EPI

IC - F28D15/00

IN - RACHEV L A

MC - J08-C04

- X25-X

PA - (BURM-I) BURMISTROV V M

PN - SU861916 B 19810910 DW198227 002pp

PR - SU19782589966 19780314

XIC - F28D-015/00

AB - SU-861916 The electro-hydrodynamic heat pipe has partially dielectric heat carrier (1) filled gas tight body (2) with electricity conducting walls (3,4) in the evapn. and condensation zones respectively. Walls (3,4) are connected to each other by dielectric connectors (5,6).

- The heat pipe also has a system of needle electrodes (7) connected to one pole of the current source, whose second pole is connected to the body wall situated in the evaporation zone. To simplify the construction, preferably flat heat pipes, the needle electrodes are situated on the body wall inner surface situated in the condensation zone. Bul. 33/7.9.81. (2pp Dwg. No. 1)

IW - ELECTRO HYDRODYNAMIC HEAT PIPE NEEDLE ELECTRODE SITUATE WALL
CONDENSATION ZONE

IKW - ELECTRO HYDRODYNAMIC HEAT PIPE NEEDLE ELECTRODE SITUATE WALL
CONDENSATION ZONE

INW - RACHEV L A

NC - 001

OPD - 1978-03-14

ORD - 1981-09-10

PAW - (BURM-I) BURMISTROV V M

TI - Electro-hydrodynamic heat pipe - has needle electrodes situated on wall in condensation zone